



# Tennessee Crop Weather

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In Cooperation with Tennessee Department of Agriculture

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Week Ending August 1, 2010

## VERY ACTIVE FARM WEEK, HEAT AND SCATTERED SHOWERS PREVAILED

Another round of scattered showers and extreme hot weather continued to dominate Tennessee agriculture. Growers were very active last week battling insects, irrigating, spraying fungicide, harvesting hay and corn silage, and topping tobacco. Crops changed very little in condition ratings from the previous week and generally were rated good. Pastures and corn have been most affected by the heat this season, while soybeans and cotton have fared well. The crop and livestock picture to date is a “mixed bag.” Many growers have received ample rainfall while their neighbors have been shut-out. As a result, conditions vary quite a bit even within the same county.

There were 6 days suitable for fieldwork last week. Topsoil moisture levels were rated 11 percent very short, 39 percent short, 49 percent adequate, and 1 percent surplus. Subsoil moisture levels were 11 percent very short, 39 percent short, 49 percent adequate and 1 percent surplus. Temperatures averaged 4 to 6 degrees above normal across the state. Precipitation was above normal across the state, except in East Tennessee, which received near normal rainfall.

CROP PROGRESS					CONDITION					
Crop	This Week	Last Week	2009	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
Percent					Percent					
Corn – Dough	88	74	60	77	Cattle	0	4	25	60	11
Corn – Dent	53	33	13	38	Corn	7	12	30	39	12
Corn – Silage Harvested	20	NA	NA	9	Cotton	0	1	22	59	18
Cotton – Setting Bolls	83	65	73	84	Pastures	5	19	43	31	2
Soybeans – Blooming	83	74	75	84	Soybeans	2	6	27	51	14
Soybeans – Setting Pods	59	44	44	64	Tobacco	2	6	33	50	9
Tobacco – Topped	43	28	40	41						

NA = Not Available

### County Agent Comments

*“Most of our county received another good rain at the beginning of this week, although some northern parts are still very short on water. Crops are progressing well, with corn denting, beans setting pods, and cotton fruiting. Insect pressure has been higher on average in most areas.”*

**James Griffin, Lauderdale County**

*“Another hot, dry week has stressed corn and soybeans. Practically all areas of Weakley County are now dry and needing a rain. Soybeans could still make a decent crop if precipitation is received in a timely manner.”*

**Jeff Lannom, Weakley County**

*“Sporadic showers and extreme heat are starting to take their toll on late corn, double crop soybeans, and pastures. Tobacco growers have been irrigating, where possible, for nearly 3 weeks.”*

**Ronnie Barron, Cheatham County**

*“Hit and miss showers have mostly missed. Corn silage harvest is in full swing. Pastures are showing signs of heat and drought stress and some farmers are starting to feed hay in the driest areas of the county.”*

**Calvin Bryant, Lawrence County**

*“Scattered showers brought some relief to drought conditions in crops and pastures. Corn silage harvest continues somewhat earlier than normal due to drying corn. Commercial vegetables, especially pumpkins are experiencing increased disease presence. Late-planted/double crop soybeans are struggling to survive with little rain.”*

**John Wilson, Blount County**

*“With the heat the mid-season crop of tomatoes are not growing well. This will mean some skips in the production. There may be some shortage in TN tomatoes in the next few weeks.”*

**Anthony Carver, Grainger County**

*“0.85 inches of rain this week has helped our crops. Some of the best soybeans I've seen in 10 years. Sunflowers seemed to have recovered from the June drought. Corn is looking better, but still needs more rain. Tobacco is everywhere from poor to excellent.”*

**John Goddard, Loudon County**

TEMPERATURES AND PRECIPITATION  
For week ending: August 1, 2010 (with comparisons)

LOCATION	TEMPERATURE				PRECIPITATION					
	Week Ending August 1, 2010				Current Week 8/1/10	Rain Days	Current Since January 1	Departure From Normal January 1	Current Since April 1	Departure From Normal April 1
	HI	LO	AVG	DFN						
West										
Ames_Plantation	97	70	84	5	2.16	3	39.65	7.28	26.57	7.97
Brownsville_TN	97	71	85	5	1.10	1	40.98	8.58	29.42	10.82
Covington	95	70	83	4	2.02	1	37.41	5.47	25.80	7.54
Dyersburg	97	72	85	5	0.81	1	23.90	-6.80	14.13	-3.75
Huntingdon_Wate	95	72	83	5	0.23	2	33.00	0.79	22.43	3.98
Jackson_Exp_Stn	95	72	84	5	1.93	2	46.14	13.86	34.82	15.82
Lexington_TN	97	72	84	5	0.35	2	39.12	7.74	25.88	7.69
Martin	96	72	85	7	0.24	2	27.87	-4.56	17.74	-1.45
Memphis_AG	97	71	85	3	2.25	2	41.68	10.28	28.72	10.81
Milan	97	71	84	7	2.50	2	45.90	12.84	36.21	16.77
Paris	95	72	83	6	0.33	3	32.24	0.83	23.29	5.39
Savannah_6SW	98	70	84	5	1.01	3	39.64	4.48	24.42	4.72
Selmer	98	71	84	6	1.11	2	39.81	4.85	25.86	6.14
Union_City	95	70	82	5	0.13	3	28.01	-3.56	15.97	-2.42
Middle										
Clarksville_Sew	96	72	83	6	2.38	3	33.01	2.43	25.99	9.06
Cookeville	94	69	81	5	1.74	3	34.73	-0.05	19.68	-0.07
Crossville_AP	92	70	81	7	3.13	2	32.07	-2.28	19.01	-0.32
Dickson_AG	94	71	82	4	0.27	3	39.49	6.54	27.64	8.70
Dover_1W	98	72	84	7	0.89	2	34.49	2.57	26.37	8.35
Fayetteville_TN	97	70	83	7	1.39	5	28.93	-4.49	14.13	-4.01
Jamestown	90	66	78	5	2.14	4	36.17	2.76	22.39	2.82
Kingston_Spring	97	73	84	7	1.72	4	36.28	4.88	25.54	8.11
Lawrenceburg_Fl	97	71	83	7	1.14	5	36.00	1.67	19.19	0.68
Lewisburg	99	67	83	6	1.33	3	32.26	-1.83	20.23	0.72
Linden	95	71	82	6	0.79	4	38.27	4.01	27.31	8.04
Livingston_WLIV	93	69	80	5	1.53	3	36.54	4.24	21.72	2.94
Murfreesboro_5N	97	70	83	5	0.11	1	38.32	5.87	25.51	6.84
Nashville_Metro	96	74	84	6	1.04	4	41.14	11.99	30.72	13.81
Oneida	90	66	77	5	3.18	4	37.61	4.00	25.49	5.75
Portland_TN	98	71	84	7	0.76	3	25.12	-6.64	20.03	1.57
Pulaski_Water_P	97	69	81	2	1.44	2	33.14	-0.65	19.09	0.69
Shelbyville	95	72	83	5	1.92	3	33.01	-0.97	20.37	1.27
Sparta_TN	97	70	82	7	0.65	2	34.64	0.76	16.45	-2.86
Springfield	97	71	83	7	0.69	2	33.71	3.12	23.06	5.34
Springhill	98	69	83	7	1.05	4	35.06	1.03	21.73	2.31
Tullahoma	95	70	82	5	1.00	3	32.19	-2.94	17.63	-1.53
East										
Chattanooga/Lov	99	71	86	7	0.42	2	26.00	-6.91	12.64	-4.54
Cleveland_6NNE	94	70	82	6	0.44	3	30.10	-3.76	15.85	-2.45
Dayton	95	68	81	4	0.90	4	32.49	-1.79	17.99	-0.27
Erwin_1W	93	66	79	7	0.96	4	22.10	-8.54	14.60	-4.53
Gatlinburg_2SW	95	66	79	6	1.37	4	29.72	-5.37	18.80	-2.35
Greeneville	96	66	80	5	1.10	4	21.30	-5.52	13.98	-2.15
Kingston_AG	96	71	82	6	2.51	5	35.68	-0.33	21.35	1.42
Knoxville_AP	96	72	83	6	1.70	3	25.88	-4.06	13.85	-2.77
Newcomb	94	67	79	6	1.33	3	30.52	-3.09	19.22	-0.52
Norris_4NE	91	67	78	3	1.02	4	41.82	9.47	27.67	9.21
Tri-City_RGNL_A	97	67	80	6	0.36	4	17.30	-8.19	9.33	-5.79

DFN = Departure From Normal (Using 1961-90 Normals Period). Rain Days = Days with precip of 0.01 inch or more during the week. Precipitation (rain or melted snow/ice) in inches.  
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